

# 6

Science Standard  
6.6.a.



## Dictionary

California Education and the Environment Initiative



Energy: It's Not All the  
Same to You!



# Dictionary

# B

## **benefit**

The gain or improvement resulting from an action.



## **byproduct**

Something produced when something else is made or consumed.



# C

## **conserve**

To use a resource in such a way that it is not wasted, lost, or damaged.





## conversion

The process of changing one form of energy to another, such as the conversion of chemical energy to heat and light when fuel is burned.



## cost

The amount of money, time, or effort required to achieve a goal.

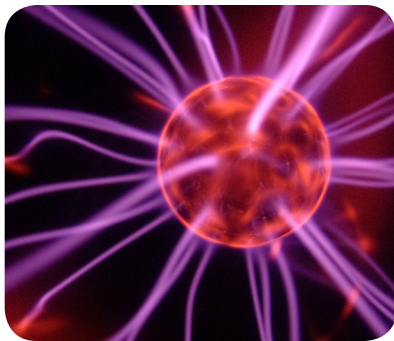


## efficiency

Operating with the least possible waste of energy, material, time, or effort.

## **electricity**

A flow of energy from the movement of charged particles known as electrons.



## **emissions**

Materials, such as gases or other matter released during a process, such as manufacturing or transportation.



## **energy**

The capacity to do work or the source of power to do work.







## generate

To produce or create, such as producing electricity from fuel.



## mitigate

To reduce or balance out the change resulting from another action, such as restoring habitat in one area to balance out a loss of habitat in another.



## natural systems

The parts, processes, and cycles in an environment, and the interactions among plants, animals, and other organisms with their environment.

# P

## **power plant**

A place where energy is converted into another form, such as heat into electricity.



# R

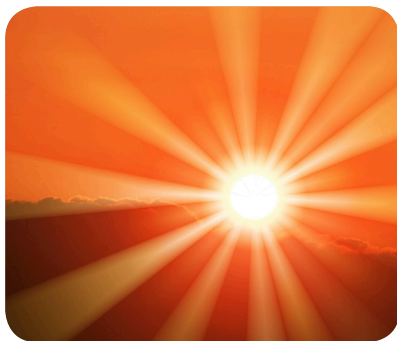
## **radioactive**

A material that releases energy in the form of radiation.



## **renewable resource**

A natural resource that is naturally replenished at a rate comparable to the rate at which it is consumed by humans.







## utility company

A company that provides electricity, water, or communication services.

U





Unit Title: **Energy: It's Not All the Same to You!**

Grade: **6**

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